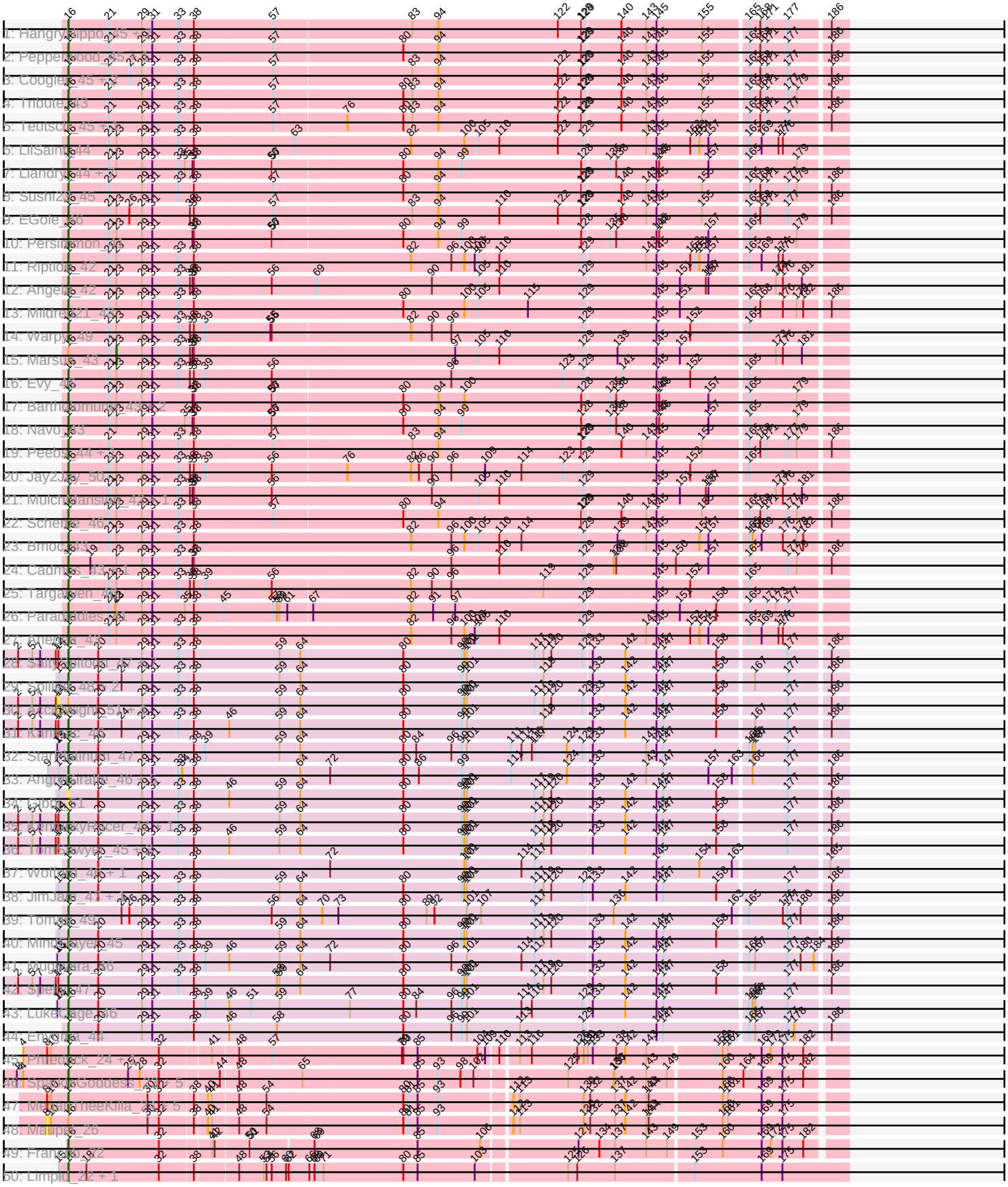
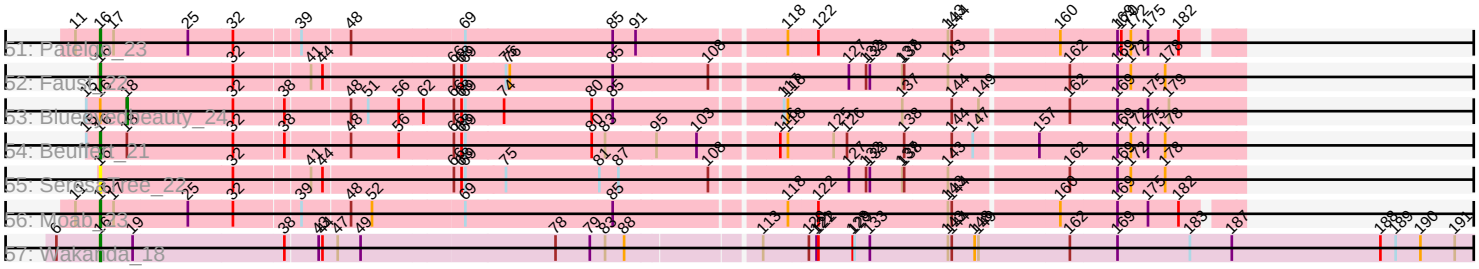
Pham 347428



Pham 347428


51: Patelgal_23
52: Faust62_
53: Bluestarbeauty_24
54: Beumer_21
55: Sensitree_22
56: Mpabi16_
57: Wakanda1_18

Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly with annotated starts, the track will be further scaled to only show that region of the ORF with annotated starts. This action will be indicated by adding "Zoomed" to the title. For starts, yellow indicates the location of called starts comprised solely of Glimmer/GeneMark auto-annotations, green indicates the location of called starts with at least 1 manual gene annotation.

Pham 347428 Report

This analysis was run 11/14/26 on database version 672.

Pham number 347428 has 113 members, 6 are drafts.

Phages represented in each track:
• Track 1 : HangryHippo_45, PacManQ_44, Lululemon_44, Cross_45, BlueOtter_45, Watermoore_45, Cursive_43, Leo04_46
• Track 2 : Pepperwood_45, WashU_45
• Track 3 : Coogler_45, Larnav_45, ArianaSWT_45
• Track 4 : Tribute_43
• Track 5 : Teutsch_45, Samisti12_45
• Track 6 : LilSaint_44
• Track 7 : Liandry_44, Eliot67_42, Squillium_44, PinkiePie_43, FreddyDRoo_43, Braelyn_44, PynkPanther_43, NootNoot_41
• Track 8 : Sushi23_45
• Track 9 : EGole_46
• Track 10 : Persimmon_41
• Track 11 : Riptide_42
• Track 12 : Angela_42
• Track 13 : Mildred21_43
• Track 14 : Warpy_49
• Track 15 : Marsus_43
• Track 16 : Evy_46
• Track 17 : Bartholomune_43, Davielle_42, WhereRU_42
• Track 18 : Navo_43
• Track 19 : Peebs_44, Shuckle_43
• Track 20 : Jay2Jay_50
• Track 21 : MulchMansion_42, LilMartin_42
• Track 22 : Scheme_46
• Track 23 : Bmoc_43
• Track 24 : Cadmus_43, Daubenski_46
• Track 25 : Targaryen_46
• Track 26 : Paradiddles_41
• Track 27 : Anedea_43
• Track 28 : SaltySpitoon_47, Jollison_46, Rikishi_47, Bordeaux_45, Daisy123_46, Starbow_45, Quaran19_47, PumpkinSpice_46
• Track 29 : Spilled_48, Brizzy_46, IchabodCrane_44
• Track 30 : AcciDwight_51, Tuesday_51
• Track 31 : Karimac_46
• Track 32 : StarPlatinum_47
• Track 33 : AngryGiraffe_46, Stanimal_47, Yaboi_47, Genie2_47, Sollertia_47, BoomerJR_47

• Track 34 : Gibbi_51
• Track 35 : KentuckyRacer_47, CeilingFan_46
• Track 36 : TomSawyer_45, Amabiko_47, Wipeout_45, Birchlyn_44
• Track 37 : Wofford_46, Elmer_49
• Track 38 : JimJam_47, Battuta_45
• Track 39 : Tomas_49
• Track 40 : MindFlayer_45
• Track 41 : Mugiwara_46
• Track 42 : Spelly_47
• Track 43 : LukeCage_46
• Track 44 : Enygma_44
• Track 45 : Phredrick_24, Kenrey_26
• Track 46 : SparkleGoddess_23, Karp_22, Belfort_24, Stigma_23, Westy_23, Comrade_23
• Track 47 : MeganTheeKilla_24, Forrest_26, Jada_24, Gilson_26, DeluluLabubu_24, Emma1919_26
• Track 48 : Maupel_26
• Track 49 : Francob_22
• Track 50 : Limpid_22, Annadreamy_22
• Track 51 : Patelgo_23
• Track 52 : Faust_22
• Track 53 : Blueeyedbeauty_24
• Track 54 : Beuffert_21
• Track 55 : SeresaTree_22
• Track 56 : Moab_23
• Track 57 : Wakanda_18

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 16, it was called in 105 of the 107 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Amabiko_47, Anedea_43, Angela_42, AngryGiraffe_46, Annadreamy_22, ArianaSWT_45, Bartholomune_43, Battuta_45, Belfort_24, Beuffert_21, Birchlyn_44, BlueOtter_45, Bmoc_43, BoomerJR_47, Bordeaux_45, Braelyn_44, Brizzy_46, Cadmus_43, CeilingFan_46, Comrade_23, Coogler_45, Cross_45, Cursive_43, Daisy123_46, Daubenski_46, Davielle_42, DeluluLabubu_24, EGole_46, Eliot67_42, Elmer_49, Emma1919_26, Enygma_44, Evy_46, Faust_22, Forrest_26, Francob_22, FreddyDRoo_43, Genie2_47, Gibbi_51, Gilson_26, HangryHippo_45, IchabodCrane_44, Jada_24, Jay2Jay_50, JimJam_47, Jollison_46, Karimac_46, Karp_22, Kenrey_26, KentuckyRacer_47, Larnav_45, Leo04_46, Liandry_44, LilMartin_42, LilSaint_44, Limpid_22, LukeCage_46, Lululemon_44, MeganTheeKilla_24, Mildred21_43, MindFlayer_45, Moab_23, Mugiwara_46, MulchMansion_42, Navo_43, NootNoot_41, PacManQ_44, Paradiddles_41, Patelgo_23, Peebs_44, Pepperwood_45, Persimmon_41, Phredrick_24, PinkiePie_43, PumpkinSpice_46, PynkPanther_43, Quaran19_47, Rikishi_47, Riptide_42, SaltySpitoon_47, Samisti12_45, Scheme_46, SeresaTree_22, Shuckle_43, Sollertia_47, SparkleGoddess_23, Spelly_47, Spilled_48, Squillium_44, Stanimal_47, StarPlatinum_47, Starbow_45, Stigma_23, Sushi23_45, Targaryen_46,

Teutsch_45, TomSawyer_45, Tomas_49, Tribute_43, Wakanda_18, Warpy_49, WashU_45, Watermoore_45, Westy_23, WhereRU_42, Wipeout_45, Wofford_46, Yaboi_47,

Genes that have the "Most Annotated" start but do not call it:
• AcciDwight_51, Blueeyedbeauty_24, Marsus_43, Maupel_26, Tuesday_51,

Genes that do not have the "Most Annotated" start:
•

Summary by start number:

Start 8:
• Found in 9 of 113 (8.0%) of genes in pham
• No Manual Annotations of this start.
• Called 11.1% of time when present
• Phage (with cluster) where this start called: Maupel_26 (BK1),

Start 14:
• Found in 18 of 113 (15.9%) of genes in pham
• No Manual Annotations of this start.
• Called 11.1% of time when present
• Phage (with cluster) where this start called: AcciDwight_51 (BE2), Tuesday_51 (BE2),

Start 16:
• Found in 113 of 113 (100.0%) of genes in pham
• Manual Annotations of this start: 105 of 107
• Called 95.6% of time when present
• Phage (with cluster) where this start called: Amabiko_47 (BE2), Anedea_43 (BE1), Angela_42 (BE1), AngryGiraffe_46 (BE2), Annadreamy_22 (BK1), ArianaSWT_45 (BE1), Bartholomune_43 (BE1), Battuta_45 (BE2), Belfort_24 (BK1), Beuffert_21 (BK1), Birchlyn_44 (BE2), BlueOtter_45 (BE1), Bmoc_43 (BE1), BoomerJR_47 (BE2), Bordeaux_45 (BE2), Braelyn_44 (BE1), Brizzy_46 (BE2), Cadmus_43 (BE1), CeilingFan_46 (BE2), Comrade_23 (BK1), Coogler_45 (BE1), Cross_45 (BE1), Cursive_43 (BE1), Daisy123_46 (BE2), Daubenski_46 (BE1), Davielle_42 (BE1), DeluluLabubu_24 (BK1), EGole_46 (BE1), Eliot67_42 (BE1), Elmer_49 (BE2), Emma1919_26 (BK1), Enygma_44 (BE2), Evy_46 (BE1), Faust_22 (BK1), Forrest_26 (BK1), Francob_22 (BK1), FreddyDRoo_43 (BE1), Genie2_47 (BE2), Gibbi_51 (BE2), Gilson_26 (BK1), HangryHippo_45 (BE1), IchabodCrane_44 (BE2), Jada_24 (BK1), Jay2Jay_50 (BE1), JimJam_47 (BE2), Jollison_46 (BE2), Karimac_46 (BE2), Karp_22 (BK1), Kenrey_26 (BK1), KentuckyRacer_47 (BE2), Larnav_45 (BE1), Leo04_46 (BE1), Liandry_44 (BE1), LilMartin_42 (BE1), LilSaint_44 (BE1), Limpid_22 (BK1), LukeCage_46 (BE2), Lululemon_44 (BE1), MeganTheeKilla_24 (BK1), Mildred21_43 (BE1), MindFlayer_45 (BE2), Moab_23 (BK1), Mugiwara_46 (BE2), MulchMansion_42 (BE1), Navo_43 (BE1), NootNoot_41 (BE1), PacManQ_44 (BE1), Paradiddles_41 (BE1), Patelgo_23 (BK1), Peebs_44 (BE1), Pepperwood_45 (BE1), Persimmon_41 (BE1), Phredrick_24 (BK1), PinkiePie_43 (BE1), PumpkinSpice_46 (BE2), PynkPanther_43 (BE1), Quaran19_47 (BE2), Rikishi_47 (BE2), Riptide_42 (BE1), SaltySpitoon_47 (BE2), Samisti12_45 (BE1), Scheme_46 (BE1), SeresaTree_22 (BK1), Shuckle_43 (BE1), Sollertia_47 (BE2), SparkleGoddess_23 (BK1), Spelly_47 (BE2), Spilled_48 (BE2), Squillium_44 (BE1), Stanimal_47 (BE2), StarPlatinum_47 (BE2), Starbow_45 (BE2), Stigma_23 (BK1), Sushi23_45 (BE1),

Targaryen_46 (BE1), Teutsch_45 (BE1), TomSawyer_45 (BE2), Tomas_49 (BE2), Tribute_43 (BE1), Wakanda_18 (BK2), Warpy_49 (BE1), WashU_45 (BE1), Watermoore_45 (BE1), Westy_23 (BK1), WhereRU_42 (BE1), Wipeout_45 (BE2), Wofford_46 (BE2), Yaboi_47 (BE2),

Start 18:
• Found in 4 of 113 (3.5%) of genes in pham
• Manual Annotations of this start: 1 of 107
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Blueeyedbeauty_24 (BK1),

Start 23:
• Found in 31 of 113 (27.4%) of genes in pham
• Manual Annotations of this start: 1 of 107
• Called 3.2% of time when present
• Phage (with cluster) where this start called: Marsus_43 (BE1),

Summary by clusters:

There are 4 clusters represented in this pham: BE2, BE1, BK1, BK2,

Info for manual annotations of cluster BE1:
•Start number 16 was manually annotated 48 times for cluster BE1.
•Start number 23 was manually annotated 1 time for cluster BE1.

Info for manual annotations of cluster BE2:
•Start number 16 was manually annotated 35 times for cluster BE2.

Info for manual annotations of cluster BK1:
•Start number 16 was manually annotated 21 times for cluster BK1.
•Start number 18 was manually annotated 1 time for cluster BK1.

Info for manual annotations of cluster BK2:
•Start number 16 was manually annotated 1 time for cluster BK2.

Gene Information:

Gene: AcciDwight_51 Start: 22526, Stop: 24280, Start Num: 14
Candidate Starts for AcciDwight_51:
(2, 22433), (5, 22466), (7, 22484), (12, 22520), (14, 22526), (Start: 16 @22544 has 105 MA's), (20, 22613), (29, 22712), (31, 22736), (33, 22796), (38, 22832), (59, 23027), (64, 23075), (80, 23309), (99, 23441), (100, 23447), (101, 23453), (117, 23606), (119, 23627), (120, 23645), (129, 23717), (133, 23735), (142, 23810), (145, 23876), (147, 23891), (158, 24011), (177, 24155), (186, 24242),

Gene: Amabiko_47 Start: 22589, Stop: 24325, Start Num: 16
Candidate Starts for Amabiko_47:
(2, 22478), (5, 22511), (7, 22529), (12, 22565), (14, 22571), (Start: 16 @22589 has 105 MA's), (20, 22658), (29, 22757), (31, 22781), (33, 22841), (38, 22877), (46, 22958), (59, 23072), (64, 23120), (80, 23354), (99, 23486), (100, 23492), (101, 23498), (117, 23651), (119, 23672), (120, 23690), (133, 23780), (142, 23855), (145, 23921), (147, 23936), (158, 24056), (177, 24200), (186, 24287),

Gene: Anedea_43 Start: 22107, Stop: 23849, Start Num: 16
Candidate Starts for Anedea_43:
(Start: 16 @22107 has 105 MA's), (21, 22200), (Start: 23 @22218 has 1 MA's), (29, 22275), (31, 22299), (33, 22359), (38, 22395), (82, 22890), (96, 22983), (100, 23013), (103, 23037), (105, 23046), (110, 23094), (129, 23286), (143, 23424), (145, 23445), (152, 23520), (154, 23541), (157, 23562), (165, 23643), (169, 23670), (174, 23706), (176, 23715),

Gene: Angela_42 Start: 21587, Stop: 23329, Start Num: 16
Candidate Starts for Angela_42:
(Start: 16 @21587 has 105 MA's), (21, 21680), (Start: 23 @21698 has 1 MA's), (29, 21755), (31, 21779), (33, 21839), (36, 21866), (37, 21872), (38, 21875), (56, 22052), (69, 22157), (90, 22418), (105, 22526), (110, 22574), (129, 22766), (145, 22925), (151, 22976), (156, 23036), (157, 23042), (173, 23180), (176, 23195), (181, 23237),

Gene: AngryGiraffe_46 Start: 22555, Stop: 24291, Start Num: 16
Candidate Starts for AngryGiraffe_46:
(9, 22513), (15, 22537), (Start: 16 @22555 has 105 MA's), (20, 22624), (29, 22723), (31, 22747), (33, 22807), (34, 22816), (38, 22843), (64, 23086), (72, 23155), (80, 23320), (86, 23353), (99, 23452), (111, 23563), (124, 23692), (133, 23746), (143, 23866), (147, 23902), (157, 24004), (163, 24058), (166, 24091), (177, 24166), (186, 24253),

Gene: Annadreamy_22 Start: 10975, Stop: 12696, Start Num: 16
Candidate Starts for Annadreamy_22:
(15, 10954), (Start: 16 @10975 has 105 MA's), (Start: 18 @11017 has 1 MA's), (32, 11179), (38, 11254), (48, 11347), (53, 11404), (54, 11410), (56, 11422), (60, 11452), (62, 11458), (66, 11500), (68, 11512), (69, 11518), (71, 11533), (80, 11716), (85, 11749), (103, 11878), (125, 12067), (126, 12088), (137, 12175), (153, 12346), (169, 12496), (175, 12544),

Gene: ArianaSWT_45 Start: 23205, Stop: 24941, Start Num: 16
Candidate Starts for ArianaSWT_45:
(Start: 16 @23205 has 105 MA's), (21, 23298), (27, 23349), (29, 23373), (31, 23397), (33, 23457), (38, 23493), (57, 23673), (83, 23985), (94, 24045), (122, 24321), (128, 24375), (129, 24378), (140, 24462), (143, 24516), (145, 24537), (155, 24639), (165, 24735), (168, 24759), (171, 24771), (177, 24816), (186, 24903),

Gene: Bartholomune_43 Start: 21893, Stop: 23629, Start Num: 16
Candidate Starts for Bartholomune_43:
(Start: 16 @21893 has 105 MA's), (21, 21986), (Start: 23 @22004 has 1 MA's), (29, 22061), (31, 22085), (37, 22178), (38, 22181), (56, 22358), (57, 22361), (80, 22655), (94, 22733), (100, 22793), (128, 23063), (135, 23123), (138, 23138), (145, 23225), (146, 23231), (157, 23342), (165, 23423), (179, 23525),

Gene: Battuta_45 Start: 22563, Stop: 24299, Start Num: 16
Candidate Starts for Battuta_45:
(15, 22545), (Start: 16 @22563 has 105 MA's), (20, 22632), (29, 22731), (31, 22755), (33, 22815), (38, 22851), (59, 23046), (64, 23094), (80, 23328), (99, 23460), (100, 23466), (101, 23472), (117, 23625), (119, 23646), (120, 23664), (129, 23736), (133, 23754), (142, 23829), (145, 23895), (147, 23910), (158, 24030), (177, 24174), (186, 24261),

Gene: Belfort_24 Start: 11726, Stop: 13420, Start Num: 16
Candidate Starts for Belfort_24:
(1, 11609), (3, 11615), (4, 11624), (Start: 16 @11726 has 105 MA's), (25, 11861), (28, 11888), (32, 11930), (44, 12059), (48, 12098), (65, 12239), (85, 12500), (93, 12545), (98, 12596), (102, 12626),

(125, 12815), (136, 12920), (137, 12923), (143, 12992), (149, 13040), (160, 13154), (164, 13199), (169, 13241), (175, 13289), (182, 13337),

Gene: Beuffert_21 Start: 10658, Stop: 12379, Start Num: 16
Candidate Starts for Beuffert_21:
(15, 10637), (Start: 16 @10658 has 105 MA's), (Start: 18 @10700 has 1 MA's), (32, 10862), (38, 10937), (48, 11030), (56, 11105), (66, 11183), (68, 11195), (69, 11201), (80, 11399), (83, 11420), (95, 11498), (103, 11561), (116, 11669), (118, 11681), (125, 11750), (126, 11771), (138, 11861), (144, 11933), (147, 11966), (157, 12059), (169, 12179), (172, 12200), (175, 12227), (178, 12254),

Gene: Birchlyn_44 Start: 20446, Stop: 22182, Start Num: 16
Candidate Starts for Birchlyn_44:
(2, 20335), (5, 20368), (7, 20386), (12, 20422), (14, 20428), (Start: 16 @20446 has 105 MA's), (20, 20515), (29, 20614), (31, 20638), (33, 20698), (38, 20734), (46, 20815), (59, 20929), (64, 20977), (80, 21211), (99, 21343), (100, 21349), (101, 21355), (117, 21508), (119, 21529), (120, 21547), (133, 21637), (142, 21712), (145, 21778), (147, 21793), (158, 21913), (177, 22057), (186, 22144),

Gene: BlueOtter_45 Start: 23243, Stop: 24979, Start Num: 16
Candidate Starts for BlueOtter_45:
(Start: 16 @23243 has 105 MA's), (21, 23336), (29, 23411), (31, 23435), (33, 23495), (38, 23531), (57, 23711), (83, 24023), (94, 24083), (122, 24359), (128, 24413), (129, 24416), (140, 24500), (143, 24554), (145, 24575), (155, 24677), (165, 24773), (168, 24797), (171, 24809), (177, 24854), (186, 24941),

Gene: Blueeyedbeauty_24 Start: 11510, Stop: 13189, Start Num: 18
Candidate Starts for Blueeyedbeauty_24:
(15, 11447), (Start: 16 @11468 has 105 MA's), (Start: 18 @11510 has 1 MA's), (32, 11672), (38, 11747), (48, 11840), (51, 11867), (56, 11915), (62, 11951), (66, 11993), (68, 12005), (69, 12011), (74, 12071), (80, 12209), (85, 12242), (117, 12485), (118, 12491), (137, 12668), (144, 12743), (149, 12785), (162, 12914), (169, 12989), (175, 13037), (179, 13070),

Gene: Bmoc_43 Start: 21892, Stop: 23634, Start Num: 16
Candidate Starts for Bmoc_43:
(Start: 16 @21892 has 105 MA's), (21, 21985), (Start: 23 @22003 has 1 MA's), (29, 22060), (31, 22084), (33, 22144), (38, 22180), (82, 22675), (96, 22768), (100, 22798), (105, 22831), (110, 22879), (114, 22930), (129, 23071), (139, 23146), (143, 23209), (145, 23230), (154, 23326), (157, 23347), (165, 23428), (166, 23434), (169, 23455), (176, 23500), (179, 23530), (182, 23545),

Gene: BoomerJR_47 Start: 22444, Stop: 24180, Start Num: 16
Candidate Starts for BoomerJR_47:
(9, 22402), (15, 22426), (Start: 16 @22444 has 105 MA's), (20, 22513), (29, 22612), (31, 22636), (33, 22696), (34, 22705), (38, 22732), (64, 22975), (72, 23044), (80, 23209), (86, 23242), (99, 23341), (111, 23452), (124, 23581), (133, 23635), (143, 23755), (147, 23791), (157, 23893), (163, 23947), (166, 23980), (177, 24055), (186, 24142),

Gene: Bordeaux_45 Start: 22718, Stop: 24454, Start Num: 16
Candidate Starts for Bordeaux_45:
(2, 22607), (5, 22640), (7, 22658), (12, 22694), (14, 22700), (Start: 16 @22718 has 105 MA's), (20, 22787), (29, 22886), (31, 22910), (33, 22970), (38, 23006), (59, 23201), (64, 23249), (80, 23483), (99, 23615), (100, 23621), (101, 23627), (117, 23780), (119, 23801), (120, 23819), (129, 23891), (133, 23909), (142, 23984), (145, 24050), (147, 24065), (158, 24185), (177, 24329), (186, 24416),

Gene: Braelyn_44 Start: 22660, Stop: 24396, Start Num: 16

Candidate Starts for Braelyn_44:
(Start: 16 @22660 has 105 MA's), (21, 22753), (Start: 23 @22771 has 1 MA's), (29, 22828), (31, 22852), (33, 22912), (35, 22927), (37, 22945), (38, 22948), (56, 23125), (57, 23128), (80, 23422), (94, 23500), (99, 23554), (128, 23830), (135, 23890), (138, 23905), (145, 23992), (146, 23998), (157, 24109), (165, 24190), (179, 24292),

Gene: Brizzy_46 Start: 22237, Stop: 23973, Start Num: 16
Candidate Starts for Brizzy_46:
(15, 22219), (Start: 16 @22237 has 105 MA's), (20, 22306), (24, 22360), (29, 22405), (31, 22429), (33, 22489), (38, 22525), (59, 22720), (64, 22768), (80, 23002), (99, 23134), (101, 23146), (119, 23320), (133, 23428), (142, 23503), (145, 23569), (147, 23584), (158, 23704), (167, 23779), (177, 23848), (186, 23935),

Gene: Cadmus_43 Start: 22231, Stop: 23973, Start Num: 16
Candidate Starts for Cadmus_43:
(Start: 16 @22231 has 105 MA's), (19, 22282), (Start: 23 @22342 has 1 MA's), (29, 22399), (31, 22423), (33, 22483), (37, 22516), (38, 22519), (96, 23107), (110, 23218), (129, 23410), (136, 23476), (138, 23482), (145, 23569), (150, 23614), (157, 23686), (165, 23767), (177, 23848), (179, 23869), (186, 23935),

Gene: CeilingFan_46 Start: 22478, Stop: 24214, Start Num: 16
Candidate Starts for CeilingFan_46:
(2, 22367), (5, 22400), (7, 22418), (12, 22454), (14, 22460), (Start: 16 @22478 has 105 MA's), (20, 22547), (29, 22646), (31, 22670), (33, 22730), (38, 22766), (59, 22961), (64, 23009), (80, 23243), (99, 23375), (100, 23381), (101, 23387), (117, 23540), (119, 23561), (120, 23579), (133, 23669), (142, 23744), (145, 23810), (147, 23825), (158, 23945), (177, 24089), (186, 24176),

Gene: Comrade_23 Start: 11341, Stop: 13035, Start Num: 16
Candidate Starts for Comrade_23:
(1, 11224), (3, 11230), (4, 11239), (Start: 16 @11341 has 105 MA's), (25, 11476), (28, 11503), (32, 11545), (44, 11674), (48, 11713), (65, 11854), (85, 12115), (93, 12160), (98, 12211), (102, 12241), (125, 12430), (136, 12535), (137, 12538), (143, 12607), (149, 12655), (160, 12769), (164, 12814), (169, 12856), (175, 12904), (182, 12952),

Gene: Coogler_45 Start: 23269, Stop: 25005, Start Num: 16
Candidate Starts for Coogler_45:
(Start: 16 @23269 has 105 MA's), (21, 23362), (27, 23413), (29, 23437), (31, 23461), (33, 23521), (38, 23557), (57, 23737), (83, 24049), (94, 24109), (122, 24385), (128, 24439), (129, 24442), (140, 24526), (143, 24580), (145, 24601), (155, 24703), (165, 24799), (168, 24823), (171, 24835), (177, 24880), (186, 24967),

Gene: Cross_45 Start: 23244, Stop: 24980, Start Num: 16
Candidate Starts for Cross_45:
(Start: 16 @23244 has 105 MA's), (21, 23337), (29, 23412), (31, 23436), (33, 23496), (38, 23532), (57, 23712), (83, 24024), (94, 24084), (122, 24360), (128, 24414), (129, 24417), (140, 24501), (143, 24555), (145, 24576), (155, 24678), (165, 24774), (168, 24798), (171, 24810), (177, 24855), (186, 24942),

Gene: Cursive_43 Start: 22769, Stop: 24505, Start Num: 16
Candidate Starts for Cursive_43:
(Start: 16 @22769 has 105 MA's), (21, 22862), (29, 22937), (31, 22961), (33, 23021), (38, 23057), (57, 23237), (83, 23549), (94, 23609), (122, 23885), (128, 23939), (129, 23942), (140, 24026), (143, 24080), (145, 24101), (155, 24203), (165, 24299), (168, 24323), (171, 24335), (177, 24380), (186,

24467),

Gene: Daisy123_46 Start: 22337, Stop: 24073, Start Num: 16
Candidate Starts for Daisy123_46:
(2, 22226), (5, 22259), (7, 22277), (12, 22313), (14, 22319), (Start: 16 @22337 has 105 MA's), (20, 22406), (29, 22505), (31, 22529), (33, 22589), (38, 22625), (59, 22820), (64, 22868), (80, 23102), (99, 23234), (100, 23240), (101, 23246), (117, 23399), (119, 23420), (120, 23438), (129, 23510), (133, 23528), (142, 23603), (145, 23669), (147, 23684), (158, 23804), (177, 23948), (186, 24035),

Gene: Daubenski_46 Start: 22995, Stop: 24737, Start Num: 16
Candidate Starts for Daubenski_46:
(Start: 16 @22995 has 105 MA's), (19, 23046), (Start: 23 @23106 has 1 MA's), (29, 23163), (31, 23187), (33, 23247), (37, 23280), (38, 23283), (96, 23871), (110, 23982), (129, 24174), (136, 24240), (138, 24246), (145, 24333), (150, 24378), (157, 24450), (165, 24531), (177, 24612), (179, 24633), (186, 24699),

Gene: Davielle_42 Start: 22077, Stop: 23813, Start Num: 16
Candidate Starts for Davielle_42:
(Start: 16 @22077 has 105 MA's), (21, 22170), (Start: 23 @22188 has 1 MA's), (29, 22245), (31, 22269), (37, 22362), (38, 22365), (56, 22542), (57, 22545), (80, 22839), (94, 22917), (100, 22977), (128, 23247), (135, 23307), (138, 23322), (145, 23409), (146, 23415), (157, 23526), (165, 23607), (179, 23709),

Gene: DeluluLababu_24 Start: 11228, Stop: 12922, Start Num: 16
Candidate Starts for DeluluLababu_24:
(8, 11180), (10, 11189), (Start: 16 @11228 has 105 MA's), (30, 11408), (32, 11432), (38, 11507), (40, 11534), (41, 11543), (48, 11600), (54, 11663), (80, 11969), (81, 11981), (85, 12002), (93, 12047), (112, 12200), (113, 12215), (130, 12353), (132, 12368), (137, 12425), (142, 12446), (143, 12494), (144, 12500), (160, 12656), (161, 12668), (169, 12743), (175, 12791),

Gene: EGole_46 Start: 24148, Stop: 25884, Start Num: 16
Candidate Starts for EGole_46:
(Start: 16 @24148 has 105 MA's), (21, 24241), (Start: 23 @24259 has 1 MA's), (26, 24289), (29, 24316), (31, 24340), (36, 24427), (38, 24436), (57, 24616), (83, 24928), (94, 24988), (110, 25129), (122, 25264), (128, 25318), (129, 25321), (140, 25405), (143, 25459), (145, 25480), (155, 25582), (165, 25678), (168, 25702), (171, 25714), (177, 25759), (186, 25846),

Gene: Eliot67_42 Start: 21891, Stop: 23627, Start Num: 16
Candidate Starts for Eliot67_42:
(Start: 16 @21891 has 105 MA's), (21, 21984), (Start: 23 @22002 has 1 MA's), (29, 22059), (31, 22083), (33, 22143), (35, 22158), (37, 22176), (38, 22179), (56, 22356), (57, 22359), (80, 22653), (94, 22731), (99, 22785), (128, 23061), (135, 23121), (138, 23136), (145, 23223), (146, 23229), (157, 23340), (165, 23421), (179, 23523),

Gene: Elmer_49 Start: 23620, Stop: 25359, Start Num: 16
Candidate Starts for Elmer_49:
(Start: 16 @23620 has 105 MA's), (20, 23689), (29, 23788), (31, 23812), (38, 23908), (72, 24220), (100, 24526), (101, 24532), (114, 24655), (117, 24685), (145, 24955), (154, 25051), (163, 25126), (185, 25318),

Gene: Emma1919_26 Start: 11923, Stop: 13617, Start Num: 16
Candidate Starts for Emma1919_26:

(8, 11875), (10, 11884), (Start: 16 @11923 has 105 MA's), (30, 12103), (32, 12127), (38, 12202), (40, 12229), (41, 12238), (48, 12295), (54, 12358), (80, 12664), (81, 12676), (85, 12697), (93, 12742), (112, 12895), (113, 12910), (130, 13048), (132, 13063), (137, 13120), (142, 13141), (143, 13189), (144, 13195), (160, 13351), (161, 13363), (169, 13438), (175, 13486),

Gene: Enygma_44 Start: 22539, Stop: 24275, Start Num: 16
Candidate Starts for Enygma_44:
(Start: 16 @22539 has 105 MA's), (20, 22608), (29, 22707), (31, 22731), (38, 22827), (46, 22908), (58, 23016), (80, 23304), (96, 23412), (99, 23436), (101, 23448), (113, 23568), (129, 23712), (145, 23871), (147, 23886), (165, 24069), (167, 24081), (177, 24150), (178, 24165), (186, 24237),

Gene: Evy_46 Start: 23255, Stop: 24991, Start Num: 16
Candidate Starts for Evy_46:
(Start: 16 @23255 has 105 MA's), (21, 23348), (Start: 23 @23366 has 1 MA's), (29, 23423), (31, 23447), (33, 23507), (36, 23534), (38, 23543), (39, 23570), (56, 23720), (96, 24125), (123, 24383), (129, 24428), (141, 24515), (145, 24587), (152, 24662), (165, 24785),

Gene: Faust_22 Start: 11130, Stop: 12848, Start Num: 16
Candidate Starts for Faust_22:
(Start: 16 @11130 has 105 MA's), (32, 11334), (41, 11445), (44, 11463), (66, 11655), (68, 11667), (69, 11673), (75, 11736), (76, 11742), (85, 11904), (108, 12051), (127, 12246), (132, 12273), (133, 12279), (137, 12330), (138, 12333), (143, 12399), (162, 12576), (169, 12648), (172, 12669), (178, 12723),

Gene: Forrest_26 Start: 12046, Stop: 13740, Start Num: 16
Candidate Starts for Forrest_26:
(8, 11998), (10, 12007), (Start: 16 @12046 has 105 MA's), (30, 12226), (32, 12250), (38, 12325), (40, 12352), (41, 12361), (48, 12418), (54, 12481), (80, 12787), (81, 12799), (85, 12820), (93, 12865), (112, 13018), (113, 13033), (130, 13171), (132, 13186), (137, 13243), (142, 13264), (143, 13312), (144, 13318), (160, 13474), (161, 13486), (169, 13561), (175, 13609),

Gene: Francob_22 Start: 10713, Stop: 12398, Start Num: 16
Candidate Starts for Francob_22:
(Start: 16 @10713 has 105 MA's), (32, 10917), (41, 11028), (42, 11034), (50, 11109), (51, 11112), (68, 11241), (69, 11247), (85, 11478), (106, 11619), (127, 11817), (134, 11865), (137, 11901), (143, 11970), (149, 12018), (153, 12072), (160, 12132), (169, 12219), (172, 12240), (175, 12267), (182, 12315),

Gene: FreddyDRoo_43 Start: 21891, Stop: 23627, Start Num: 16
Candidate Starts for FreddyDRoo_43:
(Start: 16 @21891 has 105 MA's), (21, 21984), (Start: 23 @22002 has 1 MA's), (29, 22059), (31, 22083), (33, 22143), (35, 22158), (37, 22176), (38, 22179), (56, 22356), (57, 22359), (80, 22653), (94, 22731), (99, 22785), (128, 23061), (135, 23121), (138, 23136), (145, 23223), (146, 23229), (157, 23340), (165, 23421), (179, 23523),

Gene: Genie2_47 Start: 22558, Stop: 24294, Start Num: 16
Candidate Starts for Genie2_47:
(9, 22516), (15, 22540), (Start: 16 @22558 has 105 MA's), (20, 22627), (29, 22726), (31, 22750), (33, 22810), (34, 22819), (38, 22846), (64, 23089), (72, 23158), (80, 23323), (86, 23356), (99, 23455), (111, 23566), (124, 23695), (133, 23749), (143, 23869), (147, 23905), (157, 24007), (163, 24061), (166, 24094), (177, 24169), (186, 24256),

Gene: Gibbi_51 Start: 22701, Stop: 24437, Start Num: 16
Candidate Starts for Gibbi_51:

(15, 22683), (Start: 16 @22701 has 105 MA's), (20, 22770), (29, 22869), (31, 22893), (33, 22953), (38, 22989), (46, 23070), (59, 23184), (64, 23232), (80, 23466), (99, 23598), (100, 23604), (101, 23610), (117, 23763), (119, 23784), (120, 23802), (133, 23892), (142, 23967), (145, 24033), (147, 24048), (158, 24168), (177, 24312), (186, 24399),

Gene: Gilson_26 Start: 11876, Stop: 13570, Start Num: 16
Candidate Starts for Gilson_26:
(8, 11828), (10, 11837), (Start: 16 @11876 has 105 MA's), (30, 12056), (32, 12080), (38, 12155), (40, 12182), (41, 12191), (48, 12248), (54, 12311), (80, 12617), (81, 12629), (85, 12650), (93, 12695), (112, 12848), (113, 12863), (130, 13001), (132, 13016), (137, 13073), (142, 13094), (143, 13142), (144, 13148), (160, 13304), (161, 13316), (169, 13391), (175, 13439),

Gene: HangryHippo_45 Start: 23243, Stop: 24979, Start Num: 16
Candidate Starts for HangryHippo_45:
(Start: 16 @23243 has 105 MA's), (21, 23336), (29, 23411), (31, 23435), (33, 23495), (38, 23531), (57, 23711), (83, 24023), (94, 24083), (122, 24359), (128, 24413), (129, 24416), (140, 24500), (143, 24554), (145, 24575), (155, 24677), (165, 24773), (168, 24797), (171, 24809), (177, 24854), (186, 24941),

Gene: IchabodCrane_44 Start: 22290, Stop: 24026, Start Num: 16
Candidate Starts for IchabodCrane_44:
(15, 22272), (Start: 16 @22290 has 105 MA's), (20, 22359), (24, 22413), (29, 22458), (31, 22482), (33, 22542), (38, 22578), (59, 22773), (64, 22821), (80, 23055), (99, 23187), (101, 23199), (119, 23373), (133, 23481), (142, 23556), (145, 23622), (147, 23637), (158, 23757), (167, 23832), (177, 23901), (186, 23988),

Gene: Jada_24 Start: 11228, Stop: 12922, Start Num: 16
Candidate Starts for Jada_24:
(8, 11180), (10, 11189), (Start: 16 @11228 has 105 MA's), (30, 11408), (32, 11432), (38, 11507), (40, 11534), (41, 11543), (48, 11600), (54, 11663), (80, 11969), (81, 11981), (85, 12002), (93, 12047), (112, 12200), (113, 12215), (130, 12353), (132, 12368), (137, 12425), (142, 12446), (143, 12494), (144, 12500), (160, 12656), (161, 12668), (169, 12743), (175, 12791),

Gene: Jay2Jay_50 Start: 24078, Stop: 25814, Start Num: 16
Candidate Starts for Jay2Jay_50:
(Start: 16 @24078 has 105 MA's), (21, 24171), (Start: 23 @24189 has 1 MA's), (29, 24246), (31, 24270), (33, 24330), (36, 24357), (38, 24366), (39, 24393), (56, 24543), (76, 24711), (82, 24855), (86, 24873), (90, 24903), (96, 24948), (109, 25026), (114, 25110), (123, 25206), (129, 25251), (145, 25410), (152, 25485), (165, 25608),

Gene: JimJam_47 Start: 22664, Stop: 24400, Start Num: 16
Candidate Starts for JimJam_47:
(15, 22646), (Start: 16 @22664 has 105 MA's), (20, 22733), (29, 22832), (31, 22856), (33, 22916), (38, 22952), (59, 23147), (64, 23195), (80, 23429), (99, 23561), (100, 23567), (101, 23573), (117, 23726), (119, 23747), (120, 23765), (129, 23837), (133, 23855), (142, 23930), (145, 23996), (147, 24011), (158, 24131), (177, 24275), (186, 24362),

Gene: Jollison_46 Start: 22546, Stop: 24282, Start Num: 16
Candidate Starts for Jollison_46:
(2, 22435), (5, 22468), (7, 22486), (12, 22522), (14, 22528), (Start: 16 @22546 has 105 MA's), (20, 22615), (29, 22714), (31, 22738), (33, 22798), (38, 22834), (59, 23029), (64, 23077), (80, 23311), (99, 23443), (100, 23449), (101, 23455), (117, 23608), (119, 23629), (120, 23647), (129, 23719), (133, 23737), (142, 23812), (145, 23878), (147, 23893), (158, 24013), (177, 24157), (186, 24244),

Gene: Karimac_46 Start: 22695, Stop: 24431, Start Num: 16
Candidate Starts for Karimac_46:
(2, 22584), (5, 22617), (7, 22635), (12, 22671), (14, 22677), (Start: 16 @22695 has 105 MA's), (20, 22764), (24, 22818), (29, 22863), (31, 22887), (33, 22947), (38, 22983), (46, 23064), (59, 23178), (64, 23226), (80, 23460), (99, 23592), (101, 23604), (119, 23778), (133, 23886), (142, 23961), (145, 24027), (147, 24042), (158, 24162), (167, 24237), (177, 24306), (186, 24393),

Gene: Karp_22 Start: 10942, Stop: 12636, Start Num: 16
Candidate Starts for Karp_22:
(1, 10825), (3, 10831), (4, 10840), (Start: 16 @10942 has 105 MA's), (25, 11077), (28, 11104), (32, 11146), (44, 11275), (48, 11314), (65, 11455), (85, 11716), (93, 11761), (98, 11812), (102, 11842), (125, 12031), (136, 12136), (137, 12139), (143, 12208), (149, 12256), (160, 12370), (164, 12415), (169, 12457), (175, 12505), (182, 12553),

Gene: Kenrey_26 Start: 11925, Stop: 13619, Start Num: 16
Candidate Starts for Kenrey_26:
(4, 11826), (8, 11877), (10, 11886), (Start: 16 @11925 has 105 MA's), (32, 12129), (41, 12240), (48, 12297), (57, 12375), (79, 12663), (80, 12666), (85, 12699), (104, 12834), (109, 12852), (110, 12876), (113, 12912), (116, 12936), (126, 13035), (130, 13050), (131, 13059), (133, 13071), (138, 13125), (142, 13143), (143, 13191), (159, 13341), (160, 13353), (161, 13365), (169, 13440), (172, 13461), (175, 13488), (182, 13536),

Gene: KentuckyRacer_47 Start: 22479, Stop: 24215, Start Num: 16
Candidate Starts for KentuckyRacer_47:
(2, 22368), (5, 22401), (7, 22419), (12, 22455), (14, 22461), (Start: 16 @22479 has 105 MA's), (20, 22548), (29, 22647), (31, 22671), (33, 22731), (38, 22767), (59, 22962), (64, 23010), (80, 23244), (99, 23376), (100, 23382), (101, 23388), (117, 23541), (119, 23562), (120, 23580), (133, 23670), (142, 23745), (145, 23811), (147, 23826), (158, 23946), (177, 24090), (186, 24177),

Gene: Larnav_45 Start: 23228, Stop: 24964, Start Num: 16
Candidate Starts for Larnav_45:
(Start: 16 @23228 has 105 MA's), (21, 23321), (27, 23372), (29, 23396), (31, 23420), (33, 23480), (38, 23516), (57, 23696), (83, 24008), (94, 24068), (122, 24344), (128, 24398), (129, 24401), (140, 24485), (143, 24539), (145, 24560), (155, 24662), (165, 24758), (168, 24782), (171, 24794), (177, 24839), (186, 24926),

Gene: Leo04_46 Start: 23743, Stop: 25479, Start Num: 16
Candidate Starts for Leo04_46:
(Start: 16 @23743 has 105 MA's), (21, 23836), (29, 23911), (31, 23935), (33, 23995), (38, 24031), (57, 24211), (83, 24523), (94, 24583), (122, 24859), (128, 24913), (129, 24916), (140, 25000), (143, 25054), (145, 25075), (155, 25177), (165, 25273), (168, 25297), (171, 25309), (177, 25354), (186, 25441),

Gene: Liandry_44 Start: 22598, Stop: 24334, Start Num: 16
Candidate Starts for Liandry_44:
(Start: 16 @22598 has 105 MA's), (21, 22691), (Start: 23 @22709 has 1 MA's), (29, 22766), (31, 22790), (33, 22850), (35, 22865), (37, 22883), (38, 22886), (56, 23063), (57, 23066), (80, 23360), (94, 23438), (99, 23492), (128, 23768), (135, 23828), (138, 23843), (145, 23930), (146, 23936), (157, 24047), (165, 24128), (179, 24230),

Gene: LilMartin_42 Start: 21535, Stop: 23277, Start Num: 16
Candidate Starts for LilMartin_42:

(Start: 16 @21535 has 105 MA's), (21, 21628), (Start: 23 @21646 has 1 MA's), (29, 21703), (31, 21727), (33, 21787), (36, 21814), (37, 21820), (38, 21823), (56, 22000), (90, 22366), (105, 22474), (110, 22522), (129, 22714), (145, 22873), (151, 22924), (156, 22984), (157, 22990), (173, 23128), (176, 23143), (181, 23185),

Gene: LilSaint_44 Start: 21779, Stop: 23521, Start Num: 16
Candidate Starts for LilSaint_44:
(Start: 16 @21779 has 105 MA's), (21, 21872), (Start: 23 @21890 has 1 MA's), (29, 21947), (31, 21971), (33, 22031), (38, 22067), (63, 22298), (82, 22562), (100, 22685), (105, 22718), (110, 22766), (122, 22901), (129, 22958), (143, 23096), (145, 23117), (152, 23192), (153, 23204), (154, 23213), (157, 23234), (165, 23315), (169, 23342), (174, 23378), (176, 23387),

Gene: Limpid_22 Start: 10974, Stop: 12695, Start Num: 16
Candidate Starts for Limpid_22:
(15, 10953), (Start: 16 @10974 has 105 MA's), (Start: 18 @11016 has 1 MA's), (32, 11178), (38, 11253), (48, 11346), (53, 11403), (54, 11409), (56, 11421), (60, 11451), (62, 11457), (66, 11499), (68, 11511), (69, 11517), (71, 11532), (80, 11715), (85, 11748), (103, 11877), (125, 12066), (126, 12087), (137, 12174), (153, 12345), (169, 12495), (175, 12543),

Gene: LukeCage_46 Start: 22443, Stop: 24179, Start Num: 16
Candidate Starts for LukeCage_46:
(13, 22422), (15, 22425), (Start: 16 @22443 has 105 MA's), (20, 22512), (29, 22611), (31, 22635), (38, 22731), (39, 22758), (46, 22812), (51, 22860), (59, 22926), (77, 23088), (80, 23208), (84, 23235), (96, 23316), (99, 23340), (101, 23352), (114, 23475), (116, 23499), (129, 23616), (133, 23634), (142, 23709), (145, 23775), (147, 23790), (165, 23973), (166, 23979), (167, 23985), (177, 24054),

Gene: Lululemon_44 Start: 22624, Stop: 24360, Start Num: 16
Candidate Starts for Lululemon_44:
(Start: 16 @22624 has 105 MA's), (21, 22717), (29, 22792), (31, 22816), (33, 22876), (38, 22912), (57, 23092), (83, 23404), (94, 23464), (122, 23740), (128, 23794), (129, 23797), (140, 23881), (143, 23935), (145, 23956), (155, 24058), (165, 24154), (168, 24178), (171, 24190), (177, 24235), (186, 24322),

Gene: Marsus_43 Start: 21918, Stop: 23549, Start Num: 23
Candidate Starts for Marsus_43:
(Start: 16 @21807 has 105 MA's), (21, 21900), (Start: 23 @21918 has 1 MA's), (29, 21975), (31, 21999), (33, 22059), (36, 22086), (37, 22092), (38, 22095), (97, 22692), (105, 22746), (110, 22794), (129, 22986), (139, 23061), (145, 23145), (151, 23196), (173, 23400), (176, 23415), (181, 23457),

Gene: Maupel_26 Start: 11828, Stop: 13570, Start Num: 8
Candidate Starts for Maupel_26:
(8, 11828), (10, 11837), (Start: 16 @11876 has 105 MA's), (30, 12056), (32, 12080), (38, 12155), (40, 12182), (41, 12191), (48, 12248), (54, 12311), (80, 12617), (81, 12629), (85, 12650), (93, 12695), (112, 12848), (113, 12863), (130, 13001), (132, 13016), (137, 13073), (142, 13094), (143, 13142), (144, 13148), (160, 13304), (161, 13316), (169, 13391), (175, 13439),

Gene: MeganTheeKilla_24 Start: 11237, Stop: 12931, Start Num: 16
Candidate Starts for MeganTheeKilla_24:
(8, 11189), (10, 11198), (Start: 16 @11237 has 105 MA's), (30, 11417), (32, 11441), (38, 11516), (40, 11543), (41, 11552), (48, 11609), (54, 11672), (80, 11978), (81, 11990), (85, 12011), (93, 12056), (112, 12209), (113, 12224), (130, 12362), (132, 12377), (137, 12434), (142, 12455), (143, 12503), (144, 12509), (160, 12665), (161, 12677), (169, 12752), (175, 12800),

Gene: Mildred21_43 Start: 21720, Stop: 23462, Start Num: 16
Candidate Starts for Mildred21_43:
(Start: 16 @21720 has 105 MA's), (21, 21813), (Start: 23 @21831 has 1 MA's), (29, 21888), (31, 21912), (33, 21972), (38, 22008), (80, 22488), (100, 22626), (105, 22659), (115, 22773), (129, 22899), (145, 23058), (151, 23109), (165, 23256), (168, 23280), (176, 23328), (179, 23358), (182, 23373), (186, 23424),

Gene: MindFlayer_45 Start: 22197, Stop: 23933, Start Num: 16
Candidate Starts for MindFlayer_45:
(15, 22179), (Start: 16 @22197 has 105 MA's), (20, 22266), (29, 22365), (31, 22389), (33, 22449), (38, 22485), (59, 22680), (64, 22728), (80, 22962), (99, 23094), (100, 23100), (101, 23106), (117, 23259), (119, 23280), (120, 23298), (133, 23388), (142, 23463), (145, 23529), (147, 23544), (158, 23664), (177, 23808), (186, 23895),

Gene: Moab_23 Start: 11265, Stop: 12956, Start Num: 16
Candidate Starts for Moab_23:
(11, 11226), (Start: 16 @11265 has 105 MA's), (17, 11286), (25, 11400), (32, 11469), (39, 11565), (48, 11637), (52, 11670), (69, 11808), (85, 12036), (118, 12285), (122, 12327), (143, 12528), (144, 12534), (160, 12690), (169, 12777), (175, 12825), (182, 12873),

Gene: Mugiwara_46 Start: 22942, Stop: 24678, Start Num: 16
Candidate Starts for Mugiwara_46:
(13, 22921), (15, 22924), (Start: 16 @22942 has 105 MA's), (20, 23011), (29, 23110), (31, 23134), (33, 23194), (38, 23230), (39, 23257), (46, 23311), (59, 23425), (64, 23473), (72, 23542), (80, 23707), (96, 23815), (101, 23851), (114, 23974), (117, 24004), (133, 24133), (142, 24208), (145, 24274), (147, 24289), (165, 24472), (167, 24484), (177, 24553), (180, 24583), (184, 24613), (186, 24640),

Gene: MulchMansion_42 Start: 21535, Stop: 23277, Start Num: 16
Candidate Starts for MulchMansion_42:
(Start: 16 @21535 has 105 MA's), (21, 21628), (Start: 23 @21646 has 1 MA's), (29, 21703), (31, 21727), (33, 21787), (36, 21814), (37, 21820), (38, 21823), (56, 22000), (90, 22366), (105, 22474), (110, 22522), (129, 22714), (145, 22873), (151, 22924), (156, 22984), (157, 22990), (173, 23128), (176, 23143), (181, 23185),

Gene: Navo_43 Start: 22555, Stop: 24291, Start Num: 16
Candidate Starts for Navo_43:
(Start: 16 @22555 has 105 MA's), (21, 22648), (Start: 23 @22666 has 1 MA's), (29, 22723), (31, 22747), (35, 22822), (37, 22840), (38, 22843), (56, 23020), (57, 23023), (80, 23317), (94, 23395), (99, 23449), (128, 23725), (135, 23785), (138, 23800), (145, 23887), (146, 23893), (157, 24004), (165, 24085), (179, 24187),

Gene: NootNoot_41 Start: 21512, Stop: 23248, Start Num: 16
Candidate Starts for NootNoot_41:
(Start: 16 @21512 has 105 MA's), (21, 21605), (Start: 23 @21623 has 1 MA's), (29, 21680), (31, 21704), (33, 21764), (35, 21779), (37, 21797), (38, 21800), (56, 21977), (57, 21980), (80, 22274), (94, 22352), (99, 22406), (128, 22682), (135, 22742), (138, 22757), (145, 22844), (146, 22850), (157, 22961), (165, 23042), (179, 23144),

Gene: PacManQ_44 Start: 22624, Stop: 24360, Start Num: 16
Candidate Starts for PacManQ_44:
(Start: 16 @22624 has 105 MA's), (21, 22717), (29, 22792), (31, 22816), (33, 22876), (38, 22912), (57, 23092), (83, 23404), (94, 23464), (122, 23740), (128, 23794), (129, 23797), (140, 23881), (143, 23935), (145, 23956), (155, 24058), (165, 24154), (168, 24178), (171, 24190), (177, 24235), (186,

24322),

Gene: Paradiddles_41 Start: 21772, Stop: 23508, Start Num: 16
Candidate Starts for Paradiddles_41:
(Start: 16 @21772 has 105 MA's), (21, 21865), (22, 21880), (Start: 23 @21883 has 1 MA's), (29, 21940), (31, 21964), (35, 22039), (38, 22060), (45, 22129), (57, 22240), (58, 22249), (59, 22255), (61, 22273), (67, 22327), (82, 22549), (91, 22600), (97, 22651), (129, 22945), (145, 23104), (151, 23155), (158, 23239), (165, 23302), (171, 23338), (173, 23359), (177, 23383),

Gene: Patelgo_23 Start: 10879, Stop: 12570, Start Num: 16
Candidate Starts for Patelgo_23:
(11, 10840), (Start: 16 @10879 has 105 MA's), (17, 10900), (25, 11014), (32, 11083), (39, 11179), (48, 11251), (69, 11422), (85, 11650), (91, 11686), (118, 11899), (122, 11941), (143, 12142), (144, 12148), (160, 12304), (169, 12391), (170, 12397), (172, 12412), (175, 12439), (182, 12487),

Gene: Peebs_44 Start: 22981, Stop: 24717, Start Num: 16
Candidate Starts for Peebs_44:
(Start: 16 @22981 has 105 MA's), (21, 23074), (29, 23149), (31, 23173), (33, 23233), (38, 23269), (57, 23449), (83, 23761), (94, 23821), (128, 24151), (129, 24154), (140, 24238), (143, 24292), (145, 24313), (155, 24415), (165, 24511), (168, 24535), (171, 24547), (177, 24592), (179, 24613), (186, 24679),

Gene: Pepperwood_45 Start: 23114, Stop: 24850, Start Num: 16
Candidate Starts for Pepperwood_45:
(Start: 16 @23114 has 105 MA's), (21, 23207), (29, 23282), (31, 23306), (33, 23366), (38, 23402), (57, 23582), (80, 23876), (94, 23954), (128, 24284), (129, 24287), (140, 24371), (143, 24425), (145, 24446), (155, 24548), (165, 24644), (168, 24668), (171, 24680), (177, 24725), (186, 24812),

Gene: Persimmon_41 Start: 21487, Stop: 23223, Start Num: 16
Candidate Starts for Persimmon_41:
(Start: 16 @21487 has 105 MA's), (21, 21580), (Start: 23 @21598 has 1 MA's), (29, 21655), (31, 21679), (37, 21772), (38, 21775), (56, 21952), (57, 21955), (80, 22249), (94, 22327), (99, 22381), (128, 22657), (135, 22717), (138, 22732), (145, 22819), (146, 22825), (157, 22936), (165, 23017), (179, 23119),

Gene: Phredrick_24 Start: 11131, Stop: 12825, Start Num: 16
Candidate Starts for Phredrick_24:
(4, 11032), (8, 11083), (10, 11092), (Start: 16 @11131 has 105 MA's), (32, 11335), (41, 11446), (48, 11503), (57, 11581), (79, 11869), (80, 11872), (85, 11905), (104, 12040), (109, 12058), (110, 12082), (113, 12118), (116, 12142), (126, 12241), (130, 12256), (131, 12265), (133, 12277), (138, 12331), (142, 12349), (143, 12397), (159, 12547), (160, 12559), (161, 12571), (169, 12646), (172, 12667), (175, 12694), (182, 12742),

Gene: PinkiePie_43 Start: 22598, Stop: 24334, Start Num: 16
Candidate Starts for PinkiePie_43:
(Start: 16 @22598 has 105 MA's), (21, 22691), (Start: 23 @22709 has 1 MA's), (29, 22766), (31, 22790), (33, 22850), (35, 22865), (37, 22883), (38, 22886), (56, 23063), (57, 23066), (80, 23360), (94, 23438), (99, 23492), (128, 23768), (135, 23828), (138, 23843), (145, 23930), (146, 23936), (157, 24047), (165, 24128), (179, 24230),

Gene: PumpkinSpice_46 Start: 22589, Stop: 24325, Start Num: 16
Candidate Starts for PumpkinSpice_46:

(2, 22478), (5, 22511), (7, 22529), (12, 22565), (14, 22571), (Start: 16 @22589 has 105 MA's), (20, 22658), (29, 22757), (31, 22781), (33, 22841), (38, 22877), (59, 23072), (64, 23120), (80, 23354), (99, 23486), (100, 23492), (101, 23498), (117, 23651), (119, 23672), (120, 23690), (129, 23762), (133, 23780), (142, 23855), (145, 23921), (147, 23936), (158, 24056), (177, 24200), (186, 24287),

Gene: PynkPanther_43 Start: 22626, Stop: 24362, Start Num: 16
Candidate Starts for PynkPanther_43:
(Start: 16 @22626 has 105 MA's), (21, 22719), (Start: 23 @22737 has 1 MA's), (29, 22794), (31, 22818), (33, 22878), (35, 22893), (37, 22911), (38, 22914), (56, 23091), (57, 23094), (80, 23388), (94, 23466), (99, 23520), (128, 23796), (135, 23856), (138, 23871), (145, 23958), (146, 23964), (157, 24075), (165, 24156), (179, 24258),

Gene: Quaran19_47 Start: 22580, Stop: 24316, Start Num: 16
Candidate Starts for Quaran19_47:
(2, 22469), (5, 22502), (7, 22520), (12, 22556), (14, 22562), (Start: 16 @22580 has 105 MA's), (20, 22649), (29, 22748), (31, 22772), (33, 22832), (38, 22868), (59, 23063), (64, 23111), (80, 23345), (99, 23477), (100, 23483), (101, 23489), (117, 23642), (119, 23663), (120, 23681), (129, 23753), (133, 23771), (142, 23846), (145, 23912), (147, 23927), (158, 24047), (177, 24191), (186, 24278),

Gene: Rikishi_47 Start: 22495, Stop: 24231, Start Num: 16
Candidate Starts for Rikishi_47:
(2, 22384), (5, 22417), (7, 22435), (12, 22471), (14, 22477), (Start: 16 @22495 has 105 MA's), (20, 22564), (29, 22663), (31, 22687), (33, 22747), (38, 22783), (59, 22978), (64, 23026), (80, 23260), (99, 23392), (100, 23398), (101, 23404), (117, 23557), (119, 23578), (120, 23596), (129, 23668), (133, 23686), (142, 23761), (145, 23827), (147, 23842), (158, 23962), (177, 24106), (186, 24193),

Gene: Riptide_42 Start: 21328, Stop: 23070, Start Num: 16
Candidate Starts for Riptide_42:
(Start: 16 @21328 has 105 MA's), (21, 21421), (Start: 23 @21439 has 1 MA's), (29, 21496), (31, 21520), (33, 21580), (38, 21616), (82, 22111), (96, 22204), (100, 22234), (103, 22258), (105, 22267), (110, 22315), (129, 22507), (143, 22645), (145, 22666), (152, 22741), (153, 22753), (154, 22762), (157, 22783), (165, 22864), (169, 22891), (174, 22927), (176, 22936),

Gene: SaltySpitoon_47 Start: 22589, Stop: 24325, Start Num: 16
Candidate Starts for SaltySpitoon_47:
(2, 22478), (5, 22511), (7, 22529), (12, 22565), (14, 22571), (Start: 16 @22589 has 105 MA's), (20, 22658), (29, 22757), (31, 22781), (33, 22841), (38, 22877), (59, 23072), (64, 23120), (80, 23354), (99, 23486), (100, 23492), (101, 23498), (117, 23651), (119, 23672), (120, 23690), (129, 23762), (133, 23780), (142, 23855), (145, 23921), (147, 23936), (158, 24056), (177, 24200), (186, 24287),

Gene: Samisti12_45 Start: 24417, Stop: 26153, Start Num: 16
Candidate Starts for Samisti12_45:
(Start: 16 @24417 has 105 MA's), (21, 24510), (29, 24585), (31, 24609), (33, 24669), (38, 24705), (57, 24885), (76, 25050), (80, 25179), (83, 25197), (94, 25257), (122, 25533), (128, 25587), (129, 25590), (140, 25674), (143, 25728), (145, 25749), (155, 25851), (165, 25947), (168, 25971), (171, 25983), (177, 26028), (186, 26115),

Gene: Scheme_46 Start: 23828, Stop: 25564, Start Num: 16
Candidate Starts for Scheme_46:
(Start: 16 @23828 has 105 MA's), (21, 23921), (Start: 23 @23939 has 1 MA's), (29, 23996), (31, 24020), (33, 24080), (38, 24116), (57, 24296), (80, 24590), (94, 24668), (128, 24998), (129, 25001), (140, 25085), (143, 25139), (145, 25160), (155, 25262), (165, 25358), (168, 25382), (171, 25394), (177, 25439), (179, 25460), (186, 25526),

Gene: SeresaTree_22 Start: 10520, Stop: 12238, Start Num: 16
Candidate Starts for SeresaTree_22:
(Start: 16 @10520 has 105 MA's), (32, 10724), (41, 10835), (44, 10853), (66, 11045), (68, 11057), (69, 11063), (75, 11126), (81, 11273), (87, 11303), (108, 11441), (127, 11636), (132, 11663), (133, 11669), (137, 11720), (138, 11723), (143, 11789), (162, 11966), (169, 12038), (172, 12059), (178, 12113),

Gene: Shuckle_43 Start: 23434, Stop: 25170, Start Num: 16
Candidate Starts for Shuckle_43:
(Start: 16 @23434 has 105 MA's), (21, 23527), (29, 23602), (31, 23626), (33, 23686), (38, 23722), (57, 23902), (83, 24214), (94, 24274), (128, 24604), (129, 24607), (140, 24691), (143, 24745), (145, 24766), (155, 24868), (165, 24964), (168, 24988), (171, 25000), (177, 25045), (179, 25066), (186, 25132),

Gene: Sollertia_47 Start: 22558, Stop: 24294, Start Num: 16
Candidate Starts for Sollertia_47:
(9, 22516), (15, 22540), (Start: 16 @22558 has 105 MA's), (20, 22627), (29, 22726), (31, 22750), (33, 22810), (34, 22819), (38, 22846), (64, 23089), (72, 23158), (80, 23323), (86, 23356), (99, 23455), (111, 23566), (124, 23695), (133, 23749), (143, 23869), (147, 23905), (157, 24007), (163, 24061), (166, 24094), (177, 24169), (186, 24256),

Gene: SparkleGoddess_23 Start: 11343, Stop: 13037, Start Num: 16
Candidate Starts for SparkleGoddess_23:
(1, 11226), (3, 11232), (4, 11241), (Start: 16 @11343 has 105 MA's), (25, 11478), (28, 11505), (32, 11547), (44, 11676), (48, 11715), (65, 11856), (85, 12117), (93, 12162), (98, 12213), (102, 12243), (125, 12432), (136, 12537), (137, 12540), (143, 12609), (149, 12657), (160, 12771), (164, 12816), (169, 12858), (175, 12906), (182, 12954),

Gene: Spelly_47 Start: 22544, Stop: 24280, Start Num: 16
Candidate Starts for Spelly_47:
(2, 22433), (5, 22466), (7, 22484), (12, 22520), (14, 22526), (Start: 16 @22544 has 105 MA's), (20, 22613), (29, 22712), (31, 22736), (33, 22796), (38, 22832), (58, 23021), (59, 23027), (64, 23075), (80, 23309), (99, 23441), (100, 23447), (101, 23453), (117, 23606), (119, 23627), (120, 23645), (133, 23735), (142, 23810), (145, 23876), (147, 23891), (158, 24011), (177, 24155), (186, 24242),

Gene: Spilled_48 Start: 22661, Stop: 24397, Start Num: 16
Candidate Starts for Spilled_48:
(15, 22643), (Start: 16 @22661 has 105 MA's), (20, 22730), (24, 22784), (29, 22829), (31, 22853), (33, 22913), (38, 22949), (59, 23144), (64, 23192), (80, 23426), (99, 23558), (101, 23570), (119, 23744), (133, 23852), (142, 23927), (145, 23993), (147, 24008), (158, 24128), (167, 24203), (177, 24272), (186, 24359),

Gene: Squillium_44 Start: 22599, Stop: 24335, Start Num: 16
Candidate Starts for Squillium_44:
(Start: 16 @22599 has 105 MA's), (21, 22692), (Start: 23 @22710 has 1 MA's), (29, 22767), (31, 22791), (33, 22851), (35, 22866), (37, 22884), (38, 22887), (56, 23064), (57, 23067), (80, 23361), (94, 23439), (99, 23493), (128, 23769), (135, 23829), (138, 23844), (145, 23931), (146, 23937), (157, 24048), (165, 24129), (179, 24231),

Gene: Stanimal_47 Start: 22447, Stop: 24183, Start Num: 16
Candidate Starts for Stanimal_47:
(9, 22405), (15, 22429), (Start: 16 @22447 has 105 MA's), (20, 22516), (29, 22615), (31, 22639), (33, 22699), (34, 22708), (38, 22735), (64, 22978), (72, 23047), (80, 23212), (86, 23245), (99, 23344), (111,

23455), (124, 23584), (133, 23638), (143, 23758), (147, 23794), (157, 23896), (163, 23950), (166, 23983), (177, 24058), (186, 24145),

Gene: StarPlatinum_47 Start: 23085, Stop: 24821, Start Num: 16
Candidate Starts for StarPlatinum_47:
(13, 23064), (15, 23067), (Start: 16 @23085 has 105 MA's), (20, 23154), (29, 23253), (31, 23277), (38, 23373), (39, 23400), (59, 23568), (64, 23616), (80, 23850), (84, 23877), (96, 23958), (99, 23982), (101, 23994), (111, 24093), (114, 24117), (116, 24141), (117, 24147), (124, 24222), (129, 24258), (133, 24276), (143, 24396), (145, 24417), (147, 24432), (165, 24615), (166, 24621), (167, 24627), (177, 24696),

Gene: Starbow_45 Start: 22565, Stop: 24301, Start Num: 16
Candidate Starts for Starbow_45:
(2, 22454), (5, 22487), (7, 22505), (12, 22541), (14, 22547), (Start: 16 @22565 has 105 MA's), (20, 22634), (29, 22733), (31, 22757), (33, 22817), (38, 22853), (59, 23048), (64, 23096), (80, 23330), (99, 23462), (100, 23468), (101, 23474), (117, 23627), (119, 23648), (120, 23666), (129, 23738), (133, 23756), (142, 23831), (145, 23897), (147, 23912), (158, 24032), (177, 24176), (186, 24263),

Gene: Stigma_23 Start: 11344, Stop: 13038, Start Num: 16
Candidate Starts for Stigma_23:
(1, 11227), (3, 11233), (4, 11242), (Start: 16 @11344 has 105 MA's), (25, 11479), (28, 11506), (32, 11548), (44, 11677), (48, 11716), (65, 11857), (85, 12118), (93, 12163), (98, 12214), (102, 12244), (125, 12433), (136, 12538), (137, 12541), (143, 12610), (149, 12658), (160, 12772), (164, 12817), (169, 12859), (175, 12907), (182, 12955),

Gene: Sushi23_45 Start: 23339, Stop: 25075, Start Num: 16
Candidate Starts for Sushi23_45:
(Start: 16 @23339 has 105 MA's), (21, 23432), (29, 23507), (31, 23531), (33, 23591), (38, 23627), (57, 23807), (80, 24101), (94, 24179), (128, 24509), (129, 24512), (140, 24596), (143, 24650), (145, 24671), (155, 24773), (165, 24869), (168, 24893), (171, 24905), (177, 24950), (179, 24971), (186, 25037),

Gene: Targaryen_46 Start: 24112, Stop: 25848, Start Num: 16
Candidate Starts for Targaryen_46:
(Start: 16 @24112 has 105 MA's), (21, 24205), (Start: 23 @24223 has 1 MA's), (29, 24280), (31, 24304), (33, 24364), (36, 24391), (38, 24400), (39, 24427), (56, 24577), (82, 24889), (90, 24937), (96, 24982), (119, 25195), (129, 25285), (145, 25444), (152, 25519), (165, 25642),

Gene: Teutsch_45 Start: 23608, Stop: 25344, Start Num: 16
Candidate Starts for Teutsch_45:
(Start: 16 @23608 has 105 MA's), (21, 23701), (29, 23776), (31, 23800), (33, 23860), (38, 23896), (57, 24076), (76, 24241), (80, 24370), (83, 24388), (94, 24448), (122, 24724), (128, 24778), (129, 24781), (140, 24865), (143, 24919), (145, 24940), (155, 25042), (165, 25138), (168, 25162), (171, 25174), (177, 25219), (186, 25306),

Gene: TomSawyer_45 Start: 22183, Stop: 23919, Start Num: 16
Candidate Starts for TomSawyer_45:
(2, 22072), (5, 22105), (7, 22123), (12, 22159), (14, 22165), (Start: 16 @22183 has 105 MA's), (20, 22252), (29, 22351), (31, 22375), (33, 22435), (38, 22471), (46, 22552), (59, 22666), (64, 22714), (80, 22948), (99, 23080), (100, 23086), (101, 23092), (117, 23245), (119, 23266), (120, 23284), (133, 23374), (142, 23449), (145, 23515), (147, 23530), (158, 23650), (177, 23794), (186, 23881),

Gene: Tomas_49 Start: 24898, Stop: 26640, Start Num: 16

Candidate Starts for Tomas_49:
(Start: 16 @24898 has 105 MA's), (24, 25021), (26, 25039), (29, 25066), (31, 25090), (33, 25150), (38, 25186), (56, 25363), (64, 25429), (70, 25480), (73, 25516), (80, 25666), (89, 25717), (92, 25735), (101, 25810), (107, 25843), (117, 25966), (136, 26143), (163, 26407), (165, 26434), (176, 26506), (177, 26515), (180, 26545), (186, 26602),

Gene: Tribute_43 Start: 22808, Stop: 24544, Start Num: 16
Candidate Starts for Tribute_43:
(Start: 16 @22808 has 105 MA's), (21, 22901), (29, 22976), (31, 23000), (33, 23060), (38, 23096), (57, 23276), (80, 23570), (83, 23588), (94, 23648), (122, 23924), (128, 23978), (129, 23981), (140, 24065), (143, 24119), (145, 24140), (155, 24242), (165, 24338), (168, 24362), (171, 24374), (177, 24419), (179, 24440), (186, 24506),

Gene: Tuesday_51 Start: 22709, Stop: 24463, Start Num: 14
Candidate Starts for Tuesday_51:
(2, 22616), (5, 22649), (7, 22667), (12, 22703), (14, 22709), (Start: 16 @22727 has 105 MA's), (20, 22796), (29, 22895), (31, 22919), (33, 22979), (38, 23015), (59, 23210), (64, 23258), (80, 23492), (99, 23624), (100, 23630), (101, 23636), (117, 23789), (119, 23810), (120, 23828), (129, 23900), (133, 23918), (142, 23993), (145, 24059), (147, 24074), (158, 24194), (177, 24338), (186, 24425),

Gene: Wakanda_18 Start: 10264, Stop: 12462, Start Num: 16
Candidate Starts for Wakanda_18:
(6, 10195), (Start: 16 @10264 has 105 MA's), (19, 10315), (38, 10546), (43, 10594), (44, 10600), (47, 10624), (49, 10660), (78, 10957), (79, 11011), (83, 11035), (88, 11065), (113, 11257), (120, 11323), (121, 11335), (122, 11338), (128, 11392), (129, 11395), (133, 11419), (143, 11542), (144, 11548), (148, 11584), (149, 11590), (162, 11731), (169, 11803), (183, 11917), (187, 11983), (188, 12217), (189, 12241), (190, 12280), (191, 12334),

Gene: Warpy_49 Start: 23576, Stop: 25312, Start Num: 16
Candidate Starts for Warpy_49:
(Start: 16 @23576 has 105 MA's), (21, 23669), (Start: 23 @23687 has 1 MA's), (29, 23744), (31, 23768), (33, 23828), (36, 23855), (38, 23864), (39, 23891), (55, 24038), (56, 24041), (82, 24353), (90, 24401), (96, 24446), (129, 24749), (145, 24908), (152, 24983), (165, 25106),

Gene: WashU_45 Start: 23117, Stop: 24853, Start Num: 16
Candidate Starts for WashU_45:
(Start: 16 @23117 has 105 MA's), (21, 23210), (29, 23285), (31, 23309), (33, 23369), (38, 23405), (57, 23585), (80, 23879), (94, 23957), (128, 24287), (129, 24290), (140, 24374), (143, 24428), (145, 24449), (155, 24551), (165, 24647), (168, 24671), (171, 24683), (177, 24728), (186, 24815),

Gene: Watermoore_45 Start: 23815, Stop: 25551, Start Num: 16
Candidate Starts for Watermoore_45:
(Start: 16 @23815 has 105 MA's), (21, 23908), (29, 23983), (31, 24007), (33, 24067), (38, 24103), (57, 24283), (83, 24595), (94, 24655), (122, 24931), (128, 24985), (129, 24988), (140, 25072), (143, 25126), (145, 25147), (155, 25249), (165, 25345), (168, 25369), (171, 25381), (177, 25426), (186, 25513),

Gene: Westy_23 Start: 11344, Stop: 13038, Start Num: 16
Candidate Starts for Westy_23:
(1, 11227), (3, 11233), (4, 11242), (Start: 16 @11344 has 105 MA's), (25, 11479), (28, 11506), (32, 11548), (44, 11677), (48, 11716), (65, 11857), (85, 12118), (93, 12163), (98, 12214), (102, 12244), (125, 12433), (136, 12538), (137, 12541), (143, 12610), (149, 12658), (160, 12772), (164, 12817), (169, 12859), (175, 12907), (182, 12955),

Gene: WhereRU_42 Start: 22077, Stop: 23813, Start Num: 16
Candidate Starts for WhereRU_42:
(Start: 16 @22077 has 105 MA's), (21, 22170), (Start: 23 @22188 has 1 MA's), (29, 22245), (31, 22269), (37, 22362), (38, 22365), (56, 22542), (57, 22545), (80, 22839), (94, 22917), (100, 22977), (128, 23247), (135, 23307), (138, 23322), (145, 23409), (146, 23415), (157, 23526), (165, 23607), (179, 23709),

Gene: Wipeout_45 Start: 22934, Stop: 24670, Start Num: 16
Candidate Starts for Wipeout_45:
(2, 22823), (5, 22856), (7, 22874), (12, 22910), (14, 22916), (Start: 16 @22934 has 105 MA's), (20, 23003), (29, 23102), (31, 23126), (33, 23186), (38, 23222), (46, 23303), (59, 23417), (64, 23465), (80, 23699), (99, 23831), (100, 23837), (101, 23843), (117, 23996), (119, 24017), (120, 24035), (133, 24125), (142, 24200), (145, 24266), (147, 24281), (158, 24401), (177, 24545), (186, 24632),

Gene: Wofford_46 Start: 23583, Stop: 25322, Start Num: 16
Candidate Starts for Wofford_46:
(Start: 16 @23583 has 105 MA's), (20, 23652), (29, 23751), (31, 23775), (38, 23871), (72, 24183), (100, 24489), (101, 24495), (114, 24618), (117, 24648), (145, 24918), (154, 25014), (163, 25089), (185, 25281),

Gene: Yaboi_47 Start: 22535, Stop: 24271, Start Num: 16
Candidate Starts for Yaboi_47:
(9, 22493), (15, 22517), (Start: 16 @22535 has 105 MA's), (20, 22604), (29, 22703), (31, 22727), (33, 22787), (34, 22796), (38, 22823), (64, 23066), (72, 23135), (80, 23300), (86, 23333), (99, 23432), (111, 23543), (124, 23672), (133, 23726), (143, 23846), (147, 23882), (157, 23984), (163, 24038), (166, 24071), (177, 24146), (186, 24233),